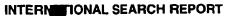
INTER TIONAL SEARCH REPORT

International plication No PCT/EP 03/10327

A. CLASSIF	TCATION OF SUBJECT MATTER							
140 /	H04L9/32							
According to International Patent Classification (IPC) or to both national classification and IPC								
B. FIELDS SEARCHED								
Minimum documentation searched (classification system followed by classification symbols) IPC 7 H04L								
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched								
D000111011101								
Electronic data base consulted during the international search (name of data base and, where practical, search terms used)								
FLO-TU	ternal, WPI Data, PAJ, IBM-TDB, INSP	E G						
	NTS CONSIDERED TO BE RELEVANT							
Category •	Citation of document, with indication, where appropriate, of the rele	evant passages	Relevant to claim No.					
^	US E 272 E61 A (MADED STHADT A E	T AL \	1-5					
A	US 5 373 561 A (HABER STUART A ET AL) 1- 13 December 1994 (1994-12-13)							
j	column 1, line 10 - line 15							
	column 3, line 22 -column 4, line	23						
A .	US 5 208 858 A (VOLLERT EMMERAN	1-5						
	4 May 1993 (1993-05-04)							
	abstract column 1, line 14 - line 39							
	column 3, line 68 -column 4, line	· 50						
	Torum 5, Time 50 Column 4, Time 50							
A	EP 1 191 743 A (CERTICOM CORP)		1-5					
	27 March 2002 (2002-03-27) abstract							
ļ								
Further documents are listed in the continuation of box C. Patent family members are listed in annex.								
* Special categories of cited documents : "T' later document published after the international filling date								
A document defining the general state of the art which is not considered to be of particular relevance or priority date and not in conflict with the application but cited to understand the principle or theory underlying the								
E earlier document but published on or after the international "X" document of particular relevance; the claimed invention								
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'P' docume later th	nt published prior to the international filing date but an the priority date claimed	&* document member of the same patent family						
Date of the	actual completion of the international search	Date of mailing of the international sea	rch report					
20	5 November 2003	05/12/2003						
Name and n	nailing address of the ISA	Authorized officer						
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Information on patent family members

International Discation No
PCT/EP 03/10327

Patent document cited in search report		Publication date		Patent family member(s)	Publication date
US 5373561	A	13-12-1994	AU	670166 B2	04-07-1996
			AU	5670694 A	19-07-1994
			CA	2151590 A1	07-07-1994
			DE	69333068 D1	31-07-2003
			EP	0676109 A1	11-10-1995
			JP	8504965 T	28-05-1996
			WO	9415421 A1	07-07-1994
US 5208858	<u>-</u> -	04-05-1993	DE	4003386 C1	23-05-1991
00 0200000	••	V. VO 2550	ĀĪ	129369 T	15-11-1995
			DE	59009799 D1	23-11-1995
			ĒΡ	0440914 A2	14-08-1991
			ES	2077621 T3	01-12-1995
EP 1191743	Α	27-03-2002	CA	2357792 A1	20-03-2002
2. 2227.0	- •		EP	1191743 A2	27-03-2002